



## ***ICESat-2 Applications Vegetation Tutorial with Landsat 8***

*Hosted by*

***University of Michigan***

***Samuel T. Dana Natural Resources Building***

***Ann Arbor, Michigan***

***May 7-8, 2014***

**The ICESat-2 Vegetation Tutorial with Landsat 8 opens a unique opportunity to discuss innovative ways of combining data sets from both the ICESat-2 and Landsat 8 missions. The main focus of the tutorial is to create an open-dialogue on how multi-mission data users can develop new joint vegetation products and to explore how these can be best utilized.**

### **Goals of the ICESat-2 Vegetation Tutorial with Landsat 8:**

- Communicate the goals and describe the products of both the ICESat-2 and Landsat 8 missions
- Increase collaboration opportunities with user groups by identifying the challenges and needs of the vegetation user community
- Explore potential joint-mission vegetation products and motivate joint mission efforts with Landsat 8

**Expected Workshop Outcome:** Identify and create support for potential joint ICESat-2 and Landsat 8 data products that would be of value to the vegetation community.

### **7 MAY WEDNESDAY**

<b>8:00am</b>	Registration and Coffee	
<b>8:30am</b>	<i>Dan Brown, University of Michigan</i> {20 min}	Tutorial Welcome
<b>8:50am</b>	<i>Tom Neumann, Deputy ICESat-2 Mission Project Scientist</i> {20 min}	Tutorial Objectives, ICESat-2 Mission Overview, & ICESat-2 Data Products
<b>9:10am</b>	<i>Jim Irons, Landsat Mission Project Scientist</i> {20 min}	Landsat 8 Mission Overview and Synergies with ICESat-2
<b>9:30am</b>	<i>Mike Jasinski, ICESat-2 Science Definition Team (SDT) Liaison</i> {15 min}	Early Adopter datasets and MABEL
<b>9:45am</b>	<i>Vanessa Escobar, ICESat-2 Applications Deputy Coordinator</i> {20 min}	Mission Applications and Strategy for Tutorials
<b>10:10am</b>	<b>Morning Break</b>	
<b>10:30am</b>	<i>Amy Neuenschwander, ICESat-2 SDT &amp; University of Texas at Austin</i> {30 min}	ICESat-2 vegetation product, State of current ICESat-2 retrieval algorithms, & Comparison of ICESat and ICESat-2 data
<b>11:00am</b>	<i>Paul Montesano, NASA Goddard Space Flight Center (GSFC)</i> {20 min}	The uncertainty of biomass estimates from modeled ICESat-2 returns across a boreal forest gradient
<b>11:20am</b>	<i>Thomas Loveland, Landsat Science Team &amp; U.S. Geological Survey (USGS)</i> {20 min}	Landsat 8 products and applications

